

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANTS: WEI, YING-FEI  
KREIDER, BRENT  
ROSEN, CRAIG

(ii) TITLE OF INVENTION: CHEMOKINE BETA 15

(iii) NUMBER OF SEQUENCES: 9

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
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(C) CITY: WASHINGTON  
(D) STATE: D.C.  
(E) COUNTRY: US  
(F) ZIP: 20005-3934

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: (To Be Assigned)  
(B) FILING DATE: HERewith  
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 60/019,837  
(B) FILING DATE: 17-JUN-1996

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Steffe, Eric K.  
(B) REGISTRATION NUMBER: 36,688  
(C) REFERENCE/DOCKET NUMBER: 1488.0420001

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 202-371-2600  
(B) TELEFAX: 202-371-2540

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 989 base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

06674460 061697

64

[illegible]

120

125

CATTTCTGGG CTCCATCGGC ACAGGAGGGC CGGATCTTTC TCCGATAAAA CCGTCGCCCT	604
ACAGACCCAG CTGTCCCCAC GCCTCTGTCT TTTGGGTCAA GTCTTAATCC CTGCACCTGA	664
GTTGGTCCTC CCTCTGCACC CCCACCACCT CCTGCCCCGTC TGGCAACTGG AAAGAGGGAG	724
TTGGCCTGAT TTTAAGCCTT TTGCCGCTCC GGGGACCAGC AGCAATCCTG GGCAGCCAGT	784
GGCTCTTGTA GAGAAGACTT AGGATACCTC TCTCACTTTC TGTTTCTTGC CGTCCACCCC	844
GGGCCATGCC AGTGTGTCCC TCTGGGTCCC TCCAAAACTC TGGTCAGTTC AAGGATGCCC	904
CTCCCAGGCT ATGCTTTTCT ATAACCTTTA AATAAACCTT GGGGGGTGAT GGAGTCAAAA	964
AAAAAAAAAA AAAAAAAAAA AAAAA	989

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 149 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Met Asn Leu Trp Leu Leu Ala Cys Leu Val Ala Gly Phe Leu Gly Ala	
-20 -15 -10 -5	
Trp Ala Pro Ala Val His Thr Gln Gly Val Phe Glu Asp Cys Cys Leu	
1 5 10	
Ala Tyr His Tyr Pro Ile Gly Trp Ala Val Leu Arg Arg Ala Trp Thr	
15 20 25	
Tyr Arg Ile Gln Glu Val Ser Gly Ser Cys Asn Leu Pro Ala Ala Ile	
30 35 40	
Phe Tyr Leu Pro Lys Arg His Arg Lys Val Cys Gly Asn Pro Lys Ser	
45 50 55 60	
Arg Glu Val Gln Arg Ala Met Lys Leu Leu Asp Ala Arg Asn Lys Val	
65 70 75	
Phe Ala Lys Leu His His Asn Thr Gln Thr Phe Gln Gly Pro His Ala	
80 85 90	
Val Lys Lys Leu Ser Ser Gly Asn Ser Lys Leu Ser Ser Ser Lys Phe	
95 100 105	

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Ser Asn Pro Ile Ser Ser Ser Lys Arg Asn Val Ser Leu Leu Ile Ser  
110 115 120

Ala Asn Ser Gly Leu  
125

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 95 amino acids
  - (B) TYPE: amino acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Ala	Thr	Glu	Thr	Lys	Glu	Val	Gln	Ser	Ser	Leu	Lys	Ala	Gln	Gln	Gly	1	5	10	15
Leu	Glu	Ile	Glu	Met	Phe	His	Met	Gly	Phe	Gln	Asp	Ser	Ser	Asp	Cys	20	25	30	
Cys	Leu	Ser	Tyr	Asn	Ser	Arg	Ile	Gln	Cys	Ser	Arg	Phe	Ile	Gly	Tyr	35	40	45	
Phe	Pro	Ile	Ser	Gly	Gly	Cys	Thr	Arg	Pro	Gly	Ile	Ile	Phe	Ile	Ser	50	55	60	
Lys	Arg	Gly	Phe	Gln	Val	Cys	Ala	Asn	Pro	Ser	Asp	Arg	Arg	Val	Gln	65	70	75	80
Arg	Cys	Arg	Leu	Glu	Gln	Asn	Ser	Gln	Pro	Arg	Thr	Tyr	Lys	Gln	85	90	95		

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 27 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

GCCGTCGACG TCCACACCCA AGGTGTC

67

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 30 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GCCTCTAGAG GAGCCCAGAA ATGAGCCGGC

30

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 36 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GCCTCTAGAG CCATCATGAA CCTGTGGCTC CTGGCC

36

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 30 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GCCTCTAGAG GAGCCCAGAA ATGACCCGGC

30

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 30 base pairs

00074450.061697

- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

GCGAAGCTTA TGAACCTGTG GCTCCTGGCC

30

(2) INFORMATION FOR SEQ ID NO:9:

- (i) SEQUENCE CHARACTERISTICS:
  - (A) LENGTH: 61 base pairs
  - (B) TYPE: nucleic acid
  - (C) STRANDEDNESS: single
  - (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA (genomic)

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

GCGCTCGAGT CAAGCGTAGT CTGGGACGTC GTATGGGTAC AGTCCTGAAT TAGCTGATAT

60

C

61

00074460 051597 269750 09442880

67